COMPUTATION OF TRIG TRAVERSE (FED MSR)

For use of this form, see FM 6-2; the proponent agency is TRADOC.

COMPUTER:	NOTEBOOK REFERENCE:	DATE:
CHECKER:	AREA:	SHEET OF SHEETS

INSTRUCTIONS

1. Select SURVEY CALC (option B) from the MODE MENU.

2. Select TRIG TRAVERSE (option L) from the SURVEY CALCULATIONS MENU.

3. Select the desired record from the TRIG TRAVERSE SUMMARY LIST.

4. Observe the required fields, and enter the desired data.

NOTES

1. Press ENTER to display the window of legal entries.

2. Enter field data in blocks marked ▶.

3. Remove window of legal entries by pressing ENTER before pressing the C key to calculate.

4. Four trig traverse computations can be recorded on this form.

5. If the response to PERPENDICULAR (Y/N) is Y, no data are required for ANGLE Y.

REQUIRED FIELDS	DATA RECORD	
4TH OR 5TH ORDER: ?	ENTER 4 OR 5	ENTER 4 OR 5
ENTER HORZ ANGLE Q1: ?	ANGLE Q1 (MILS): ▶	ANGLE Q1 (MILS): ▶
ENTER HORZ ANGLE Q2: ?	ANGLE Q2 (MILS): ▶	ANGLE Q2 (MILS): ▶
ENTER BASE DIST B TO C1: ?	BASE B TO C1 (METERS): ▶	BASE B TO C1 (METERS): ▶
ENTER BASE DIST B TO C2: ?	BASE B TO C2 (METERS): ▶	BASE B TO C2 (METERS): ▶
PERPENDICULAR BASE (Y/N): ?	ENTER Y OR N	ENTER Y OR N
ENTER ANGLE Y: ? (IF NONPERP)	ANGLE Y (MILS): ▶	ANGLE Y (MILS): ▶

REQUIRED FIELDS	DATA RECORD	
RECORD DIST AB FROM BASE B/C1:	DIST NO 1 (METERS):	DIST NO 1 (METERS):
RECORD DIST AB FROM BASE B/C2:	DIST NO 2 (METERS):	DIST NO 2 (METERS):
RECORD MEAN HORZ DISTANCE:	MEAN DIST (METERS):	MEAN DIST (METERS):
RECORD COMPARATIVE ACCURACY:	COMPARATIVE ACCURACY: 1/	COMPARATIVE ACCURACY: 1/

REQUIRED FIELDS	DATA RECORD	
4TH OR 5TH ORDER: ?	ENTER 4 OR 5	ENTER 4 OR 5
ENTER HORZ ANGLE Q1: ?	ANGLE Q1 (MILS): ▶	ANGLE Q1 (MILS): ▶
ENTER HORZ ANGLE Q2: ?	ANGLE Q2 (MILS): ▶	ANGLE Q2 (MILS): ▶
ENTER BASE DIST B TO C1: ?	BASE B TO C1 (METERS): ▶	BASE B TO C1 (METERS): ▶
ENTER BASE DIST B TO C2: ?	BASE B TO C2 (METERS):	BASE B TO C2 (METERS):
PERPENDICULAR BASE (Y/N): ?	ENTER Y OR N	ENTER Y OR N
ENTER ANGLE Y: ? (IF NONPERP)	ANGLE Y (MILS): ▶	ANGLE Y (MILS): ▶

REQUIRED FIELDS	DATA RECORD	
RECORD DIST AB FROM BASE B/C1:	DIST NO 1 (METERS):	DIST NO 1 (METERS):
RECORD DIST AB FROM BASE B/C2:	DIST NO 2 (METERS):	DIST NO 2 (METERS):
RECORD MEAN HORZ DISTANCE:	MEAN DIST (METERS):	MEAN DIST (METERS):
RECORD COMPARATIVE ACCURACY:	COMPARATIVE ACCURACY: 1/	COMPARATIVE ACCURACY: 1/

REMARKS:

DA FORM 7365-R, SEP 1996